	95)	O(Modified)  U.S. DEPARTMET OF COMMERCEPATENTAND TRADEMARKOFFICE  ATTO SDOCKETNUMBER						
		ANSMITTAL LETT! O THE UNITED STATES 0053 002						
•		DESIGNATED/ELECTED OFFICE (DO/EO/US)  U.S. APPLICATIONNO. (IF KNOWN, SEE 37 CFR						
		CONCERNING A FILING UNDER 35 U.S.C. 371 09/423683						
	1	IONALAPPLICATIONNO. INTERNATIONALFILINGDATE PRIORITYDATECLAIMED PRIORITYDATECLAIMED 13 May 1998 (13.05.1998) 13 May 1997 (13.05.1997)						
MET!	CAN	T(S)FOR DO/EO/US						
viicna	iei A	anthony CAWTHORNE, Yong-Ling LIU, Matthew V. SENNITT						
pplic	ant h	erewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
1.	X	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.						
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.						
3.	X	This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).						
4.	X	A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.						
5.	X	by of the International Application as filed (35 U.S.C. 371 (c) (2))						
		a. 🛭 is transmitted herewith (required only if not transmitted by the International Bureau).						
		b. 🛭 has been transmitted by the International Bureau.						
		c.  is not required, as the application was filed in the United States Receiving Office (RO/US).						
6.		A translation of the International Application into English (35 U.S.C. 371(c)(2)).						
7.	×	a copy of the International Search Report (PCT/ISA/210).						
8.	×							
		a. 🛭 are transmitted herewith (required only if not transmitted by the International Bureau).						
		b. 🛭 have been transmitted by the International Bureau.						
		c. $\square$ have not been made; however, the time limit for making such amendments has NOT expired.						
		d. $\square$ have not been made and will not be made.						
9.		A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).						
10.		An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).						
11.	X	A copy of the International Preliminary Examination Report (PCT/IPEA/409).						
12.		A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).						
Ite	ms 1	3 to 18 below concern document(s) or information included:						
13.	X							
14.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
15.	X	A FIRST preliminary amendment.						
		A SECOND or SUBSEQUENT preliminary amendment.						
16.		A substitute specification.						
17.		A change of power of attorney and/or address letter.						
18.	X	Certificate of Mailing by Express Mail						
19.		Other items or information:						
	•	"Express Mail" label number: EL445347136US  Date of Deposit: 10 Novembr. 1999  I hereby certify that under 37 CFR 1.10 that this correspondence is being deposited with the United StatesPostal Service as "Express Mail Post Office To Addressee" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.						

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U.S. APPLICATION	ONNO (IF KNOWN, SEE 37 CFR	INTERNATIONALAPPLICA PCT/EP98/029		\	SDOCKETNUMBER 7/163002			
20. The fi	ollowing fees are submitted:.	101121707003						
	AL FEE ( 37 CFR 1.492 (a) (1) -	(5)):		CALCULATIONS	PTOUSEONLY			
	port has been prepared by the EPO	` ''	\$840.00					
	al preliminary examination fee pai							
☐ No internation Dut internation	tional preliminary examination fee tional search fee paid to USPTO (3							
☐ Neither int	ernational preliminary examination al search fee (37 CFR 1.445(a)(2)	fee (37 CFR 1.482) nor paid to USPTO	\$970.00					
Internation	al preliminary examination fee pai ms satisfied provisions of PCT Art							
	ENTER APPROPRIA	ATE BASIC FEE AM	OUNT =	\$840.00				
	.00 for furnishing the oath or declaraliest claimed priority date (37 C	\$0.00						
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	30.00				
Total claims	44 - 20 =	24	x \$22.00	\$528.00				
Independent claim	** <del> </del>	3	x \$82.00	\$246.00				
· · · · · · · · · · · · · · · · · · ·	nt Claims (check if applicable).		×	\$260.00				
	TOTAL OF	TIONS =	\$1,874.00					
Reduction of 1/2 f must also be filed	or filing by small entity, if applica (Note 37 CFR 1.9, 1.27, 1.28) (ch	\$0.00						
		SUB	TOTAL =	\$1,874.00				
Processing fee of months from the e	\$130.00 for furnishing the English arliest claimed priority date (37 C	\$0.00						
		TOTAL NATIONAL	L FEE =	\$1,874.00				
Fee for recording accompanied by a	the enclosed assignment (37 CFR in appropriate cover sheet (37 CFR	\$0.00						
		TOTAL FEES ENCI	LOSED =	\$1,874.00				
				Amount to be: refunded	\$			
				charged	\$			
A check in the amount of \$1,874.00 to cover the above fees is enclosed.  Please charge my Deposit Account No.  A duplicate copy of this sheet is enclosed.								
to Deposi	missioner is hereby authorized to c t Account No. 06-1050 n appropriate time limit under 3 nust be filed and granted to restor	A duplicate copy of this sheet of CFR 1.494 or 1.495 has not	is enclosed.		R			
SEND ALL COR	RESPONDENCE TO:		110	17				
Y. Rocky Tsao								
Fish & Richards	on PC		SICNATURE	0				
225 Franklin Sti Boston, Massach			Y. Rocky Tsao					
203ton, Massach	usetts UBIIU		NAME					
			34,053					
		REGISTRAŢIO	N NUMBER					
			11/16/9	9				
			DATE	•				

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFIC

Applicant : Serial No.: Filed : For :

## BOX PCT

Date:

Assistant Commissioner for Patents -Washington, DC 20231

DECLARATION OF MAILING BY "EXPRESS MAIL"
declares as follows:
1. I reside at and am an employee of Fish & Richardson P.C., 225 Franklin Street Boston, MA 02110-2804.
2. On, I deposited in the mail, "Express Mail Post Office to Addressee" service of the United States Postal Service the contents of the envelope for which "Express Mail" receipt No was issued addressed to: Box PCT, Assistant Commissioner for Patents, Washington, DC 20231.
3. Attached hereto is a true copy of the "Express Mail" receipt No
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the above-identified application or any patents issued thereon.

EL445347136US